

<p>94-22143/27 AZ3 E11 (E13) <b>AKZO 92.11.17</b>  AKZO KASHIMA KK *JP 06157880-A  92.11.17 92JP-306792 (94.06.07) COB1 67/02, COB6(5/3492, 5/52,  7/14  Polyalkylene terephthalate type flame-retarding resin compsn. comprises polyalkylene terephthalate, reinforcing filler, melamine-cyanuric acid addn. cpd. and phosphorus type flame retarding agent C94-101762  Addnl. Data: MITSUBISHI PETROCHEMICAL CO LTD (MITP)</p>	<p>R<sub>0</sub> = isopropylidene, methylene, carbonyl or sulphone; and  R<sub>1</sub>-R<sub>9</sub> and R<sub>1'</sub>-R<sub>9'</sub> = H or alkyl.  <b>ADVANTAGE</b>  The compsn. exhibits good flame retardancy and, as the compsn. does not contain halogen type flame retarding agent, it does not cause the generation of harmful gas or corrosion.</p>
<p>A polyalkylene terephthalate type flame-retarding resin compsn. consists of:  (A) 100 pts. wt. polyalkylene terephthalate;  (B) 30-250 pts. wt. reinforcing filler;  (C) 5-50 pts. wt. melamine-cyanuric acid addition cpd.; and  (D) 5-50 pts. wt. phosphorus type flame-retarding agent of formula (I):</p> $  \begin{array}{c}  \text{R}'_6 \quad \text{R}'_5 \\  \diagup \quad \diagdown \\  \text{C}_6\text{H}_2 \text{---} \text{O} \text{---} \text{P} \text{---} \text{O} \text{---} \text{C}_6\text{H}_2 \text{---} \text{R}_0 \text{---} \text{O} \text{---} \text{P} \text{---} \text{O} \text{---} \text{C}_6\text{H}_2 \text{---} \text{R}_9 \\  \diagdown \quad \diagup \quad \diagdown \quad \diagup \quad \diagdown \quad \diagup \quad \diagdown \quad \diagup \\  \text{R}'_7 \quad \text{R}'_8 \quad \text{R}'_3 \quad \text{R}'_4 \quad \text{R}'_5 \quad \text{R}'_6 \quad \text{R}'_7 \quad \text{R}'_8  \end{array}  \quad (1)  $	<p><b>EMBODIMENT</b>  Polyalkylene terephthalate is e.g. polyethylene terephthalate. Reinforcing filler (B) is e.g. glass fibre. Phosphorus type flame retarding agent (D) of formula (I) is e.g. bisphenol A bis(diphenylphosphate).</p> <p><b>EXAMPLE</b>  A polyethylene terephthalate flame-retarding resin compsn. was prepared by using glass fibre (B) and bisphenol A bis(diphenylphosphate) (D).  (4ppw50JSDwGNo0/0).</p>

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